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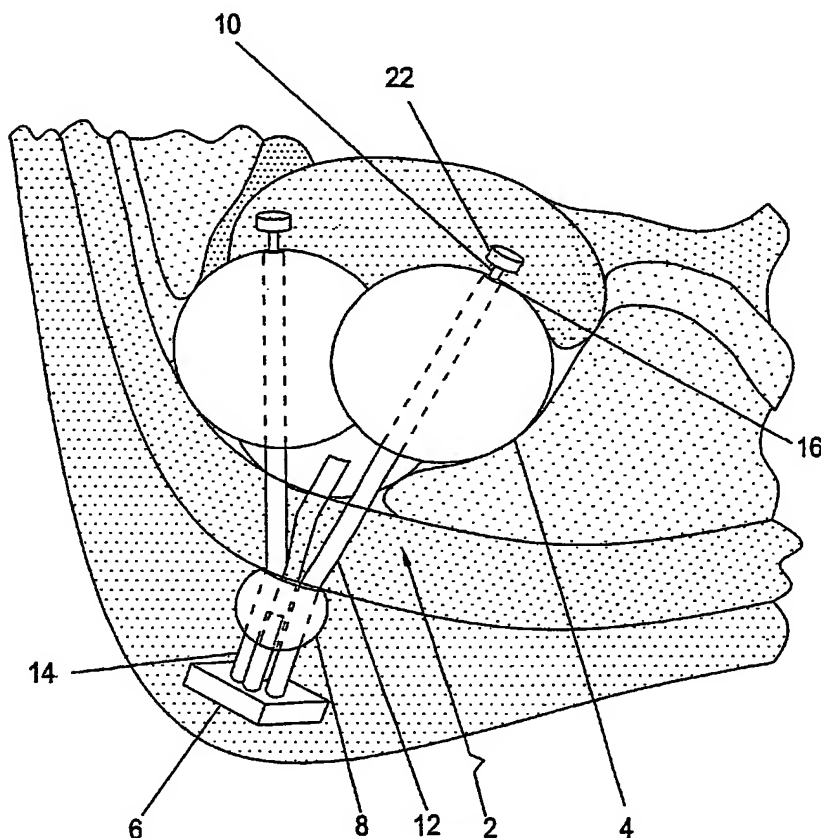
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| <p>(51) <b>International Patent Classification<sup>7</sup>:</b></p> <p>(21) <b>International Application Number:</b><br/>PCT/US2004/024612</p> <p>(22) <b>International Filing Date:</b> 30 July 2004 (30.07.2004)</p> <p>(25) <b>Filing Language:</b> English</p> <p>(26) <b>Publication Language:</b> English</p> <p>(30) <b>Priority Data:</b><br/>60/494,698 13 August 2003 (13.08.2003) US</p> <p>(71) <b>Applicant (for all designated States except US):</b> <b>BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE</b> [US/US]; Louisiana State University, Suite 115, System Building, 3810 West Lakeshore, Baton Rouge, LA 70808 (US).</p> | <p><b>A61B</b> (72) <b>Inventors; and</b><br/>(75) <b>Inventors/Applicants (for US only):</b> <b>BRAZZINI, Augusto</b> [PE/US]; 28 English Turn Drive, New Orleans, LA 70131 (US). <b>KIRSCH, David, S.</b> [US/US]; 739 Pecan Grove Lane, Jefferson, LA 70121 (US). <b>CAS-TANEDA-ZUNIGA, Wilfrido, R.</b> [US/US]; 2 Stilt Street, New Orleans, LA 70124 (US). <b>D'AGOSTINO, Horacio</b> [AR/US]; 1826 Hunter Circle, Shreveport, LA 71119 (US).</p> <p>(74) <b>Agent:</b> <b>PORTER, André, J.;</b> Taylor, Porter, Brooks &amp; Phillips, L.L.P., P.O. Box 2471, Baton Rouge, LA 70821-2471 (US).</p> <p>(81) <b>Designated States (unless otherwise indicated, for every kind of national protection available):</b> AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,</p> |
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[Continued on next page]

- (54) Title:** COMPRESSIVE DEVICE FOR PERCUTANEOUS TREATMENT OF OBESITY



- (57) Abstract:** An apparatus and method for treating morbid obesity in mammals using a gastric reduction assembly that reduces the gastric volume of a stomach and induces early satiety. The gastric reduction assembly comprises at least two or more expandable devices, each able to be adjustably inflated with a fluid (e.g., a liquid or a gas) using a filling tube. In a preferred embodiment, the gastric reduction assembly is inserted through the abdominal wall and placed at a location exterior to the stomach body, avoiding an abdominal incision. Once positioned near the stomach body, the gastric reduction assembly allows for the external compression of the stomach body to limit food intake. The gastric reduction assembly also minimizes the potential for shifting of the expandable devices after insertion to the stomach body to revert to its pre-compressed state.



PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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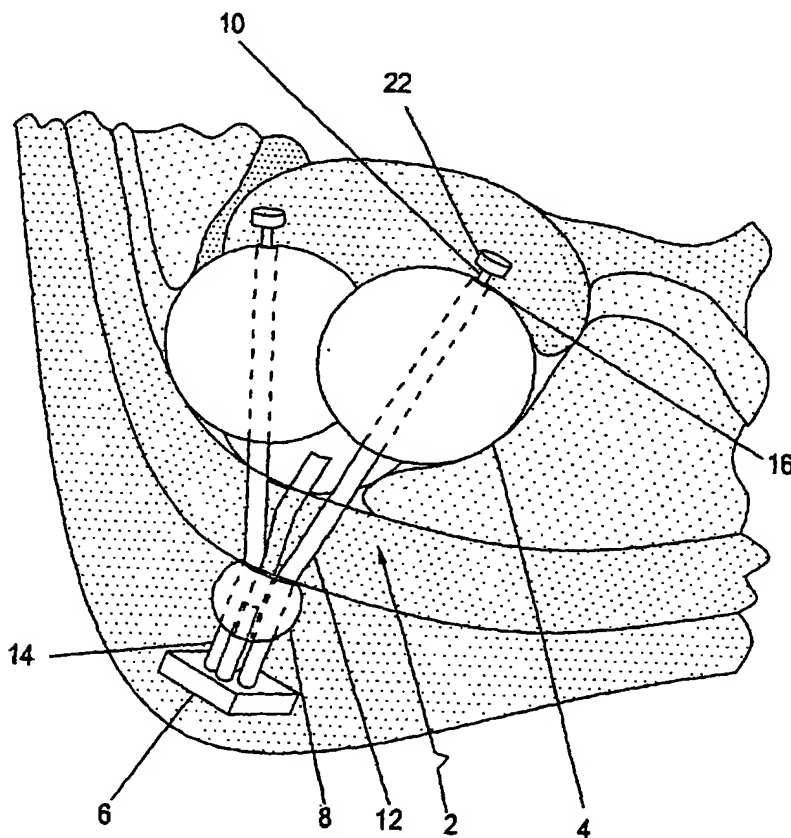
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**60/494,698** **13 August 2003 (13.08.2003)** **US**
- (71) Applicant (for all designated States except US): **BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE [US/US]; Louisiana State University, Suite 115, System Building, 3810 West Lakeshore, Baton Rouge, LA 70808 (US).**
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